

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S400	127	(porous or porosity or pores)same (dielectric near constant or specific adj inductive adj capacity) same ("2.1" or "2.2" or "2.3" or "2.4" or "2.5" or "2.6" or "2.7") and (hydrogenated adj silicon or "SiH.sub.4")and @ad<"20031128"	US-PGPUB; USPAT; USOCR; FPRS	OR	ON	2011/02/12 18:29
S401	28	silicon near oxygen skeleton	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 18:53
S402	4	silicon near oxygen skeleton (continuous or step)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 18:56
S403	21	silicon near oxygen skeleton and (continuous or step)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 18:57
S404	1	silicon near oxygen skeleton and carbon same (continuous or step)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 18:58
S405	1103	257/e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 19:52
S406	6	(Si-O or silicon near oxygen) near (structure or molecule or skeleton) and 257/e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/12 19:56

S407	59	(Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane) and 257/e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 11:17
S408	53	(Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane) and plasma and 257/e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 11:18
S409	6	(Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton)same cyclic and (He or Ar or "H. sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane) and plasma and 257/e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 11:21
S410	4	"404693".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 11:23
S411	96	("20020001973"   "20020016085"   "20020034626"   "20020106500"   "20020123240"   "20020192980"   "20030064607"   "20030119307"   "20030157248"   "20030198895"   "20040069410"   "20040096586"   "20040096593"   "20040096672"   "20040099952"   "20040101633"   "20040102031"   "20040161532"   "20040170760"   "20040185679"   "20050064698"   "4357451"   "4882008"   "4885262"   "5504042"	US-PGPUB; USPAT; USOCR	OR	ON	2011/02/22 11:24

		"5686054"   "5700844" "5789027"   "5849640" "5851715"   "5858457" "5920790"   "6140252" "6171661"   "6177329" "6232658"   "6258735" "6268276"   "6270846" "6271273"   "6312793" "6329017"   "6329062" "6340628"   "6365266" "6383466"   "6383955" "6386466"   "6387453" "6391932"   "6392017" "6420441"   "6444715" "6455417"   "6479374" "6500770"   "6548113" "6573030"   "6576345" "6596467"   "6596654" "6610362"   "6632478" "6667147"   "6677251" "6715498"   "6756085" "6797643"   "6805801" "6812043"   "6815373" "6831284"   "6846380" "6848458"   "6849549" "6867086"   "6903004" "6914014"   "7018918"). PN. OR ("7176144").URPN.				
S412	25	(Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton)same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane) and plasma	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 11:28
S413	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton)same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane) and plasma)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 11:35
S414	2403	257/e23.145.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 13:10
S415	1110	257/e23.142.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 13:30

S416	12	cyclic and 257/e23.142. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 13:34
S417	30	cyclic and 257/e23.145. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 13:37
S418	2314	438/780.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 14:05
S419	5400	257/758.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/22 14:37
S422	1518	(Si-O or silicon near oxygen or silica) and 257/758,759,e23.142, E23.145,e21.273.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 14:39
S421	0	(Si-O or silicon near oxygen or silica) and 257/758,759,e23.142, E23.145, "e21.""273".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 14:39
S420	932	(Si-O or silicon near oxygen or silica) and 257/758,759,e23.142, E23.145.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 14:39
S423	31	(Si-O or silicon near oxygen or silica) with (precursor or gas ) same cyclic and 257/758,759, e23.142,E23.145,e21.273. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	ON	2011/02/22 14:40
S447	844	438/788.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 23:39
S448	1213	438/787.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 23:49

S449	505	438/789.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/24 23:59
L2	575	438/790.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/02/25 06:38

**EAST Search History (I nterference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S425	24	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 11:35
S424	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)".clm"	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 11:35
S426	0	(pore near diameter and (inductive near capacity or dielectric adj constant) same 2{d} cyclic near (organic or silica) and concentration and (carbon or C)).clm.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 11:40
S427	13	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 438/780-790.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 11:43

S428	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 257/759.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:31
S429	6	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 257/e21.273.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:32
S430	6	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 257/e21.273-e21.275.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:39
S431	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 438/793,794.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:41
S432	0	(pore near diameter and (inductive near capacity or dielectric adj constant) same 2{d} cyclic near (organic or silica) and concentration and (carbon or C))and 438/780-794.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:43

S433	0	(pore near diameter and (inductive near capacity or dielectric adj constant) same 2{d} cyclic near (organic or silica) and concentration and (carbon or C))and 257/759,e21.273-e21.275.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:44
S435	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:48
S434	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 438/780-790.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:48
S436	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 257/759.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:52
S437	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 257/758,759.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:54

S438	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 257/758,759,e21.273-e21.275.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 12:56
S439	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 257/758,759,e21.273-e21.275,e23.145.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 13:56
S440	0	((Si-O or silicon near oxygen or silica) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and plasma) saturated adj hydrocarbon and unsaturated adj hydrocarbon and 257/758,759,e21.273-e21.275,e23.145,e23.142.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/22 13:57
S451	14	((Si-O or silicon near oxygen or silica\$3) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 438/780-790.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/24 23:37



S450	7	((Si-O or silicon near oxygen or silica&3) near (compound or structure or molecule or skeleton) same cyclic and (He or Ar or "H.sub.2" or rare or inert)and (hydrogenated near silicon or "SiH.sub.4" or silane)and plasma)and 438/780-790.ccls.	US-PGPUB; USPAT; UPAD	NEAR	ON	2011/02/24 23:37
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